

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 63285A	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2004/036075	International filing date (day/month/year) 25/10/2004	(Earliest) Priority Date (day/month/year) 17/11/2003
Applicant DOW GLOBAL TECHNOLOGIES INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/036075

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C217/94 C08G61/02 H05B33/14 H01L51/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C C08G H01B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1995, MASHITA, KYOKAZU ET AL: "Electrophotographic imaging method" XP002312483 retrieved from STN Database accession no. 1995:921945 abstract -& JP 07 199503 A (FUJI XEROX CO LTD, JAPAN) 4 August 1995 (1995-08-04) page 17 - page 20; compounds (H-1) - (H-11), (I-1) - (I-4), (J-1) - (J-7) ----- -/--</p>	1-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the International search

15 February 2005

Date of mailing of the International search report

23/02/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Fitz, W

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/036075

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 034 296 A (ONG BENG S ET AL) 23 July 1991 (1991-07-23) column 9 - column 12; compounds I-XIII column 13; figures 1,2 examples 1-11	1-14
X	US 4 983 482 A (ONG BENG S ET AL) 8 January 1991 (1991-01-08) column 9 - column 12; compounds I-XII examples 1-11	1-14
A	US 6 605 373 B2 (INBASEKARAN MICHAEL ET AL) 12 August 2003 (2003-08-12) cited in the application columns 1,2	1,9-11, 13
A	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1997, KIKUCHI, NORIHIRO ET AL: "Manufacture of charge-transporting compound and electrophotographic photoreceptor containing it" XP002312484 retrieved from STN Database accession no. 1997:648772 cited in the application abstract -& JP 09 258465 A (CANON K. K., JAPAN) 3 October 1997 (1997-10-03) the whole document	1,9-11, 13
P,X	HREHA R D ET AL: "Synthesis of acrylate and norbornene polymers with pendant 2,7-bis(diarylamino)fluorene hole-transport groups" TETRAHEDRON, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 60, no. 34, 16 August 2004 (2004-08-16), pages 7169-7176, XP004547465 ISSN: 0040-4020 page 7170; compounds 5,6,8 page 7171; compounds P6,P8,P8-9 and the compound at the bottom of the scheme	1-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

onal Application No

PCT/US2004/036075

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 7199503	A	04-08-1995	NONE	
US 5034296	A	23-07-1991	NONE	
US 4983482	A	08-01-1991	NONE	
US 6605373	B2	04-10-2001	US 6309763 B1	30-10-2001
			US 6169163 B1	02-01-2001
			US 2001026878 A1	04-10-2001
			CA 2294485 A1	28-10-1999
			CN 1263542 T	16-08-2000
			DE 69908522 D1	10-07-2003
			DE 69908522 T2	15-04-2004
			EP 0988337 A1	29-03-2000
			JP 2002506481 T	26-02-2002
			WO 9954385 A1	28-10-1999
			US 6255449 B1	03-07-2001
			US 6512083 B1	28-01-2003
			US 6362310 B1	26-03-2002
			US 6514632 B1	04-02-2003
JP 9258465	A	03-10-1997	JP 3262313 B2	04-03-2002

